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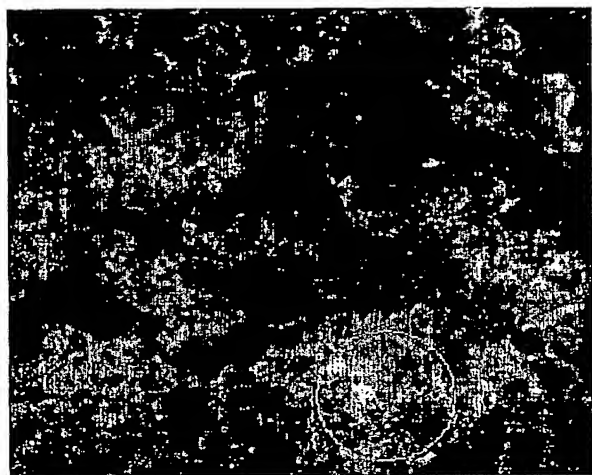
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(54) Title: MICROBIAL MATERIALS FOR DEGRADATION OF OILS AND TOXIC CHEMICALS



Trichosporon app. strain  
absorbed to the lipophilic  
powder surface

(57) Abstract: Provided is microbial materials for degradation of oils and toxic chemicals. The microbial material includes a mixture comprising a microorganism and culture filtrate capable of degrading oil and toxic chemicals being at least one selected from the group consisting of Trichosporon loubieri Y1-A of deposit No. KCTC 18079P, Trichosporon cutaneum, and white-rot fungi living upon the surface of wood, lipophilic powder being at least one selected from the group consisting of natural wax, synthetic wax, beeswax and waste candle, and a microbial nutrient. The microbial material can efficiently, rapidly degrade contaminants that are unreadyly degradable, by increasing a contact area with the microorganism capable of degrading the unreadyly degradable contaminants.

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